



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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The Eastern Iowa DX Bulletin

Number 304, December 12, 2025

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

This bulletin is available via email subscription only. See

<http://www.arrl.org/bulletins> to subscribe. (The online archive is no longer updated.)

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

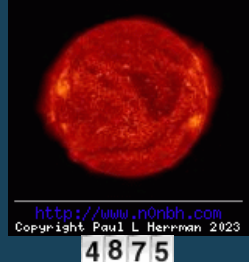
Dr. Tony Phillips' [SpaceWeather.com](#), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

13 Dec 2025 1813 GMT
SFI: 135 SN: 73
A-Index: 28
K-Index: 2
X-Ray: C2.2
304A: 130.9 @ SEM
Ptn Flx: 167
Elc Flx: 2810
Aurora: 2/n=1.99
Mag (Bz): 4.1
Solar Wind: 617.5
Geomag Field QUIET
Sig Noise Lvl S1-S2
Current Solar Image



<http://www.norbh.com>
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DX News

4X, ISRAEL. Celebrating Hanukkah, the Israel Association of Radio Communication will be running special event stations **4X8NER** and **4Z8NER** from **December 14th to 22nd**. A certificate will be available at <https://tools.iarc.org/chanukah25/>. QSL via [4Z5MU](#) or LoTW.

-[425DXN # 1805 December 6, 2025] (1212-1226)

5R, MADAGASCAR. Eric, F6ICX, is QRV as **5R8IC** from Sainte-Marie Island (AF-090) **until the end of December**. Activity is on the HF bands using CW, SSB, FT8, FT4, and Satellite QO-100. QSL to [F6ICX](#).

-[ARRL DX Bulletin # 49 December 4, 2025] (1205-0102)

6Y, JAMAICA. Lester, W8YCM, is QRV as both **W8YCM/6Y** and **6Y8LV** until mid-January 2026. Activity is holiday style on 17, 12, and 10 meters using SSB. QSL direct to [W8YCM](#).
-[ARRL DX Bulletin # 50 December 11, 2025] (1212-0116)

9A, CROATIA. Special event station **9A169TESLA** is QRV until December 31st to celebrate Nikola Tesla's birthday. QSL via operators' instructions.
-[ARRL DX Bulletin # 49 December 4, 2025] (1205-0102)

9Y, TRINIDAD & TOBAGO. Earl, WA3DX will be active as **9Y9DX** from Arouca, Trinidad (SA-011) on December 17th-29th. He will operate mainly FT8 and FT4 on 40-10 meters. QSOs will be uploaded to ClubLog. QSL via LoTW, or direct to [WA3DX](#).
-[425DXN # 1805 December 6, 2025] (1212-0102)

A7, QATAR. Special callsign **A71QND** by the Qatar Amateur Radio Society celebrates Qatar National Day (December 18th). Also taking part in the celebrations will be the Bahrain Amateur Radio Society as **A91QTR** on December 12th-18th, and the Emirates Amateur Radio Society as **A6ØQATAR** on December 18th-22nd (individual operators may append a serial number to the special callsign), and possibly the Kuwait Amateur Radio Society (**9K9QATAR**), the Royal Omani Amateur Radio Society as **A43QAT**, and the Saudi Amateur Radio Society (**HZ1QATAR**).
-[425DXN # 1806 December 13, 2025] (1212-1226)

C5, THE GAMBIA. Andre, ON7YK, is QRV as **C5YK** from Kotu until January 25th. Activity is on 20 to 10 meters using SSB, RTTY, FT8, FT4, and some CW. QSL via LoTW.
-[ARRL DX Bulletin # 49 December 4, 2025] (1205-0123)

CE, CHILE. Luis, CE2ML, plans to be QRV as **XR2K** in the ARRL 10 Meter contest (December 13th-14th). QSL to [CE2ML](#).
-[ARRL DX Bulletin # 50 December 11, 2025] (1212-1219)

CE, CHILE. John, NI6D will be active as **CE7/NI6D** along the Carretera Austral in Northern Patagonia on December 6th-18th. He will operate FT8/FT4 on 40-10 meters, low power, during the local afternoon/evening hours. QSL via LoTW.
-[425DXN # 1804 November 29, 2025] (1205-1219)

CE9, ANTARCTICA. Lasse, DL9LU is the IT engineer and radio operator of the new overwintering team at Neumayer III Station, Antarctica (AN-016). He arrived on November 18th and will remain there until shortly before Christmas 2026. He will be active as **DPØGVN**; QSL for both HF and QO-100 contacts via [ClubLog's OQRS](#), LoTW, or via [DL4BBH](#).
-[425DXN # 1803 November 22, 2025] (1121-1226)

CE9, ANTARCTICA. David, F4FKT, signs **FT4YM/p** from Concordia station (IOTA AN-016, WAP MNB-03) and **FT4YM** from the station Dumont d'Urville on Petrels Island (WAP FRA-01) until February 2026. Additional options are a possible short operation from the Australian camp 8km south of Concordia as **VKØ/FT4YM/p** or also from aboard the vessel Astrolabe P-800 on the voyage back to Tasmania as **FT4YM/mm** a permit has not been secured so far though. QSL via [F5PFP](#): Mehdi-Jean Escoffier, 460 Chemin des Fermetures, 38440, Saint-Jean-de-Bournay, France.
-[DXNL # 2486 November 26, 2025] (1128-1219)

CE9, ANTARCTICA. Alex, UG1A, operating as **RI1ANI**, is expected to leave Novolazarevskaya Station on December 1st, and head to Progress station. From December 5th onwards, he will take part in the traverse from Progress to Vostok Station, where he will stay for approximately 40 days. QSL via [ClubLog's OQRS](#), or via [RN1ON](#).
-[425DXN # 1805 December 6, 2025] (1205-0102)

CEØY, EASTER I. John, NI6D will join the **3GØYR** team and also operate as **CEØ/NI6D** on November 26th – 28th. He will later be QRV from Patagonia, Chile as **CE7/NI6D** from December 6 to 18, on 40m - 6m FT4/8.
-[DXNL # 2486 November 26, 2025] (1128-1219)

CEØY, EASTER I. Jorge, **CEØYHF**, is QRV **until the end of December** while on work assignment in the Hanga Roa hospital. Activity is in his spare time. QSL via [CEØYHF](#).

-[ARRL DX Bulletin # 46 November 13, 2025] (1114-1226)

CN, MOROCCO. Special callsign **CN25JIM** will be active from **December 8th to 21st**, and **especially on December 13th**, from the Middle Atlas mountain range of Morocco. The special callsign's suffix stands for Journee Internationale de la Montagne (International Mountain Day). QSL via operator's instructions.

-[425DXN # 1805 December 6, 2025] (1205-1226)

CN, MOROCCO. Yannick, F6FYD will be QRV as **CN2YD** from **November 11th to March 31, 2026**. Activity will on 20 to 10 meters using primarily SSB. This includes a possible trip to Mogador Island (AF-065). QSL direct to [F6FYD](#).

-[ARRL DX Bulletin # 45 November 6, 2025] (1107-1219)

CT, PORTUGAL. special callsign **CS25FB** will be QRV on **December 13th-14th** for the 25th anniversary of Faia Brava, the first privately owned natural reserve in Portugal. QSL via the information at [CS25FB](#).

-[425DXN # 1806 December 13, 2025] (1212-1219)

DL, GERMANY. Celebrating the city of Chemnitz, one of the European Capitals of Culture for 2025, special event callsigns **DL2Ø25B**, **DL2Ø25C**, **DL2Ø25E**, **DL2Ø25S**, and **DL2Ø25W** will be active from **November 15th to December 15th**. Complete information can be found on <https://2025c.de/>. All QSOs will be uploaded to eQSL, LoTW, ClubLog, and DCL (DARC Community Logbook); paper QSL cards will not be issued, but digital QSLs - as well as a new set of certificates - will be downloadable from the [event's website](#).

-[425DXN # 1802 November 15, 2025] (1114-1219)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of December 12, 2025:

1. P5	DPRK (North Korea)	11. KH4	Midway Island
2. KH3	Johnston Island	12. VKØM	Macquarie Island
3. KH7K	Kure Island	13. EZ	Turkmenistan
4. CEØX	San Felix Islands	14. KP5	Desecheo Island
5. FT5/X	Kerguelen Island	15. PYØS	Saint Peter And Paul Rocks
6. BS7H	Scarborough Reef	16. VPØS	South Sandwich Islands
7. BV9P	Pratas Island	17. YK	Syria
8. YVØ	Aves Island	18. ZL9	New Zealand Subantarctic Islands
9. 3Y/P	Peter 1 Island	19. VKØH	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF December 12, 2025] (1212-0102)

EA, SPAIN. Special event callsign **EG45URF** celebrates the 45th anniversary of the San Fernando part of URE **until December 14th**. QSL via [EA7URE](#).

-[DXNL # 2488 December 10, 2025] (1212-1219)

EA, SPAIN. Members of the Jaen Amateur Radio Union (URJ) celebrate their city's jubilee with the callsign **AM12ØØJ** **until December 28th**. For awards see [AM1200J](#) on qrz.com. QSL via [EA7URJ](#).

-[DXNL # 2487 December 3, 2025] (1205-1226)

EA, SPAIN. Throughout December, **AO25YOTA** will be one of many stations worldwide getting on the air to support YOTA (Youngsters on the Air) activity. For more information see: <https://events.ham-yota.com>.

-[DXNL # 2487 December 3, 2025] (1205-1226)

EA, SPAIN. Celebrating Christmas and the New Year from the city of Vigo, **EG1NV** will be active from **December 2nd to January 12th**. See <https://www.qrz.com/db/EG1NV> for more information. QSL via LoTW, eQSL, and QRZ Logbook.

-[425DXN # 1804 November 29, 2025] (1128-0109)

F, FRANCE. To mark the 60th anniversary since the first French satellite, named Asterix, was launched into orbit (November 26, 1965), members of the Wingles Radio Club (F4KLR) will be active as **TM6ØATX** on **Fridays and Saturdays between November 14th and December 13th**, and again on **December 19th-23rd**. All SSB and CW QSOs will be confirmed automatically via the bureau; FT8 QSOs will be confirmed via eQSL. Or, QSL direct via [F4KLR](#).
-[425DXN # 1800 November 1, 2025] (1114-1226)

FM, MARTINIQUE. Dimitry UT5UGR is currently on Martinique (NA-107) and operates as **FM/UT5UGR** outside the CQWW, and **TO7A** during the CQWW DX CW Contest (**November 29th-30th**) (SOAB HP). QSL via [UT5UGR](#).
-[DXNL # 2486 November 26, 2025] (1128-1219)

FS, SAINT MARTIN. Giovanni, IZ2DPX, will be active from both parts of the island (NA-105) as **FS/IZ2DPX** and PJ7/IZ2DPX from **December 13th to 21st**. QRV on 60-6m with 100W on SSB and FT8/4. QSL via [IZ2DPX](#).
-[DXNL # 2488 December 10, 2025] (1212-1226)

G, ENGLAND. Carl, MØICR, remains active as **GB1SANTA** until **December 25th**. An award is also available (see [GB1SANTA](#)).
-[DXNL # 2487 December 3, 2025] (1205-1226)

HA, HUNGARY. The first official, regular radio broadcast in Hungary began on December 1, 1925, which is now celebrated as Hungarian Radio Day. To mark that centenary, the Hungarian Radio Amateur Society (MRASZ) and the Honfy Jozsef Radioclub (HA1KHJ) organize a commemorative activity to be held from **November 15th to December 31st** under nine special callsigns: **HG1ØØRADIO**, **HG1ØØYHRB**, **HG1ØØAN**, **HG1ØØEG**, **HG1ØØFO**, **HG1ØØIT**, **HG1ØØRC**, **HG1ØØSD** and **HG1ØØUD**. Look for activity on 160-10m CW, SSB & digital modes, and via QO-100. A certificate will be available: <https://mrasz.org/100-years-of-hungarian-broadcasting-award>.
-[425DXN # 1802 November 15, 2025] (1114-0102)

HB, SWITZERLAND. Club HB9IPA continues to celebrate their club's 70th anniversary with the special callsign **HB7ØIPA** until the end of 2025 on HF and via QO-100.
-[DXNL # 2487 December 3, 2025] (1205-0102)

HBØ, LIECHTENSTEIN. Pete, ZL4TE, signs **HBØ/ZL4TE** on **December 16th and 17th**, followed by **ZA/ZL4TE** from Albania. After that he travels on to Austria, Germany, Hungary, England but has not decided yet about getting on the air.
-[DXNL # 2488 December 10, 2025] (1212-1219)

HC, ECUADOR. Operators HC5AI, HC8M, and HC5HP will be QRV as **HD5MW** from Ingapirca until **December 14th**. Activity is on the HF bands using CW, SSB, and FT8. QSL via [MØOXO's QQRS](#).
-[ARRL DX Bulletin # 50 December 11, 2025] (1212-1219)

HR, HONDURAS. Gerard, F2JD will be active again as **HR5/F2JD** from Copan, Honduras from **November 15th to March 12, 2026**. He will operate CW, SSB and FT8/ FT4 on the HF bands. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).
-[425DXN # 1799 October 25, 2025] (1114-1226)

HS, THAILAND. Special event callsign **HS25SG** will be activated on **December 1st-30th** to celebrate the 33rd Southeast Asian Games and as part of the "SatFinder" educational campaign, which promotes space, satellite, and radio science to students and the general public through amateur radio activities. See <https://www.qrz.com/db/HS25SG> for more information. QSL via [ClubLog's QQRS](#), LoTW, and QRZ Logbook.
-[425DXN # 1804 November 29, 2025] (1128-0102)

JA, JAPAN. Take, JI3DST will be active as **JS6RRR** from Miyako Island (AS-079) from **December 11th until April 17th**. He will operate SSB, CW and FT8 on 40-6m. Other callsigns to be used are **JI3DST/6**, **JJ5RBH/6**, **JI3DST/p** and **JJ5RBH/p**. QSOs will be uploaded to ClubLog and LoTW.
-[425DXN # 1805 December 6, 2025] (1205-0102)

OA, PERU. Jodi, N7IDX is QRV as **OA4/N7IDX** until **December 14th**. Activity is in his spare time on 20 to 10 meters, and possibly 6 meters. QSL direct to [N7IDX](#).

-[ARRL DX Bulletin # 49 December 4, 2025] (1205-1219)

OA, PERU. The Peruvian Radio Club celebrates its 95th anniversary with the callsign **4T95O** during **December**. QRV on 40-10 meters, as well as on 6m, 2m and 70cm, CW, SSB, RTTY, FM, and FT8. For QSL information (including a downloadable eQSL) see: <https://www.oa4o.pe>

-[DXNL # 2486 November 26, 2025] (1128-0102)

OE, AUSTRIA. Special callsign **OEØYOTA** is going to take part in the **December** YOTA Month 2025 events.

-[DXNL # 2486 November 26, 2025] (1128-0102)

ON, BELGIUM. Commemorating the 81st anniversary of the Battle of the Bulge during World War II, members of UBA Section Bruxelles-Est (ON5UB) will be active as **OR81NUTS** from **December 13th to 31st**. The suffix of the special callsign is General Anthony C. McAuliffe's famous single-word reply in response to a surrender ultimatum.

-[425DXN # 1805 December 6, 2025] (1205-0102)

PA, NETHERLANDS. The Dutch Radio Group Christmas Event will run from **December 10th to January 2nd** with six special callsigns: **PD25HOLLY**, **PD25HOHOHO**, **PD25REDNOSE**, **PD25SANTA**, **PD25XMAS** and **PD26HNWY**. More information can be found on <https://www.qrz.com/db/PD25XMAS>.

-[425DXN # 1805 December 6, 2025] (1205-0102)

PA, NETHERLANDS. Special callsigns celebrating Christmas and the New Year from the Netherlands include:

PA25SANTA	Dec 1 - Jan 1	QSL via PA1AW
PA25XMAS	Dec 1-31	no QSL, certificate on QRZ
PD25STAR	Dec 1-31	no QSL, certificate on QRZ
PD26HNY	Dec 1 - Jan 31	no QSL, certificate on QRZ
PF25XMAS	Dec 1-31	QSL via PC1K ; certificate on QRZ
PH25XMAS	Dec 6-28	no QSL, certificate on https://award.pa3efr.nl
PH26HNY	Dec 28 - Jan 5	no QSL, certificate on https://award.pa3efr.nl
PI25XMAS	Dec 1-31	no QSL, certificate on QRZ

-[425DXN # 1804 November 29, 2025] (1128-0102)

PA, NETHERLANDS. Special callsign **PA8ØVERON** celebrates the 80th anniversary of the Vereniging voor Experimenteel Radio Onderzoek (VERON) until the end of November. **During December**, **PA1ØØIARU** joins IARU celebrations. QSLs via [PA1AW](#).

-[DXNL # 2486 November 26, 2025] (1128-1226)

PJ4, BONAIRE. Watch for **PJ4W** to be QRV in the ARRL 10 Meter contest (December 13th-14th) using CW and SSB. QSL via LoTW.

-[ARRL DX Bulletin # 50 December 11, 2025] (1212-1219)

PJ7, SINT MAARTEN. Giovanni, IZ2DPX, will be active from both parts of the island (NA-105) as **PJ7/IZ2DPX** and FS/IZ2DPX from **December 13th to 21st**. QRV on 60-6m with 100W on SSB and FT8/4. QSL via [IZ2DPX](#).

-[DXNL # 2488 December 10, 2025] (1212-1226)

PY, BRAZIL. Ralf, DL9GCR, will be QRV as **PY5/DL9GCR** from **November 23rd until December 20th** from Parana. QSL direct via [DL9GCR](#), eQSL.

-[DXNL # 2485 November 19, 2025] (1121-1219)

SM, SWEDEN. Radio club SK3GK is QRV with special callsign **SM1ØØXF** until **December 31st** to mark the first radio broadcast 100 years ago from Gävle. QSL via bureau.

-[ARRL DX Bulletin # 49 December 4, 2025] (1205-0102)

SP, POLAND. Tadeusz Heftman, TPAX made the first amateur radio contact confirmed by a QSL card between Poland and a station from outside the country (NØPM in the Netherlands) on December 6, 1925. Commemorating that milestone, special event station **SNØTPAX** will operate CW and SSB **throughout December**. The activity is organized by the PZK and the SP DX Club. All QSOs will be

confirmed automatically via the bureau.

-[425DXN # 1804 November 29, 2025] (1128-1226)

SP, POLAND. Special callsign **HF4SES** will be in use from **October 31st to December 31st** to mark the launch of RadioAwards.club, a "platform designed for organizing and managing ham radio award events worldwide". See <https://radioawards.club/ses/premier-event> for more information and the certificate.

-[425DXN # 1801 November 8, 2025] (1107-1226)

SV, GREECE. On December 1, 1913, the island of Crete was officially integrated into the Greek state after centuries of Ottoman rule. **SX1913C** is a special callsign that will commemorate that event from **December 15th to 21st**. The operators will be SV1TAO, SV7JAX, SV8RSX and SV9TNA. Electronic QSL cards will be sent by email.

-[425DXN # 1805 December 6, 2025] (1212-1226)

T5, SOMALIA. Elvira, **6O3T**, is now **QRT** and is on her way home to Italy. Further activations are a possibility though.

-[DXNL # 2488 December 10, 2025] (1212-1219)

T8, PALAU. Koh, JA1ADT will be active as **T88AC** from Koror (OC-009), Palau on **December 10th-17th**. He will participate in the ARRL 10-Meter Contest (December 13th-14th). Outside the contest he will focus on the low bands. QSOs will be uploaded to ClubLog. QSL via LoTW or direct to [JA1ADT](#).

-[425DXN # 1805 December 6, 2025] (1205-1219)

TA, TURKEY. Special event callsign **TC25YOTA**, staffed by youngsters, will be active **throughout December**. See also: <https://events.ham-yota.com>. QSL via [ClubLog's OQRS](#).

-[DXNL # 2487 December 3, 2025] (1205-0102)

TG, GUATEMALA. Todd, AF4CZ, will be active holiday style as **TG9/AF4CZ** from Guatemala from **December 7th to January 5th**. He will operate mainly FT8/FT4 on 40-10 meters. QSOs will be uploaded to LoTW, eQSL and ClubLog.

-[425DXN # 1804 November 29, 2025] (1205-0109)

TL, CENTRAL AFRICA. Joao, CR7BNW will be active as **TL8BNW** from Bangui, Central African Republic for six months (**December 2025-June 2026**). He will operate SSB and FT8 on 40, 20, 15 and 10 meters. QSOs will be uploaded to LoTW and QRZ Logbook.

-[425DXN # 1804 November 29, 2025] (1128-1226)

TR, GABON. Roland, F8EN will be active again as **TR8CR** from Gabon starting on **October 25th for two months**. He will operate CW only. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).

-[425DXN # 1799 October 25, 2025] (1024-1219)

V5, NAMIBIA. Gunter, DK2WH is QRV as **V51WH** from Omaruru **until March 24, 2026**. Activity is on 160 to 6 meters using SSB, RTTY, FT8, and some CW. He will be active as **V55Y** in various contests. QSL to [DK2WH](#).

-[ARRL DX Bulletin # 47 November 20, 2025] (1121-1226)

VE, CANADA. Mike, **VYØZOO**, will be QRV from Yellowknife, Northwest Territories, from **December 14th to 20th**. Activity will be on 40 through 10 meters using CW and SSB. QSL via [VE2XB](#).

-[ARRL DX Bulletin # 50 December 11, 2025] (1212-1219)

VE, CANADA. After his activity from Broughton Island (NA-130), Mike, VYØZOO is expected to be back to Southampton Island (NA-007) **until November 30th**. Next, he plans to go and be QRV as **VYØZOO** from Sanikiluaq, Flaherty Island (NA-196) on **December 1st-7th**, and as **VYØZOO/VE2** from Kangiqsualujuaq (mainland Canada) on **December 7th-14th**. QSL direct to [VE2XB](#).

-[425DXN # 1804 November 29, 2025] (1128-1219)

VK, AUSTRALIA. The callsign **VK2SANTA** remains on the air **until December 24th**.

-[DXNL # 2488 December 10, 2025] (1212-1226)

VU, INDIA. Datta, VU2DSI will be active as **AU2JCB** from **November 21st to December 15th** to commemorate the birthdate (November 30, 1858) of Indian physicist and radio pioneer Jagadish Chandra Bose. He will operate SSB on 80, 40, 20, 15 and 10 meters, and FM on 50800, 51500 and 29700 kHz. QSL direct to [VU2DSI](https://vudsi.com).
-[425DXN # 1801 November 8, 2025] (1121-1219)

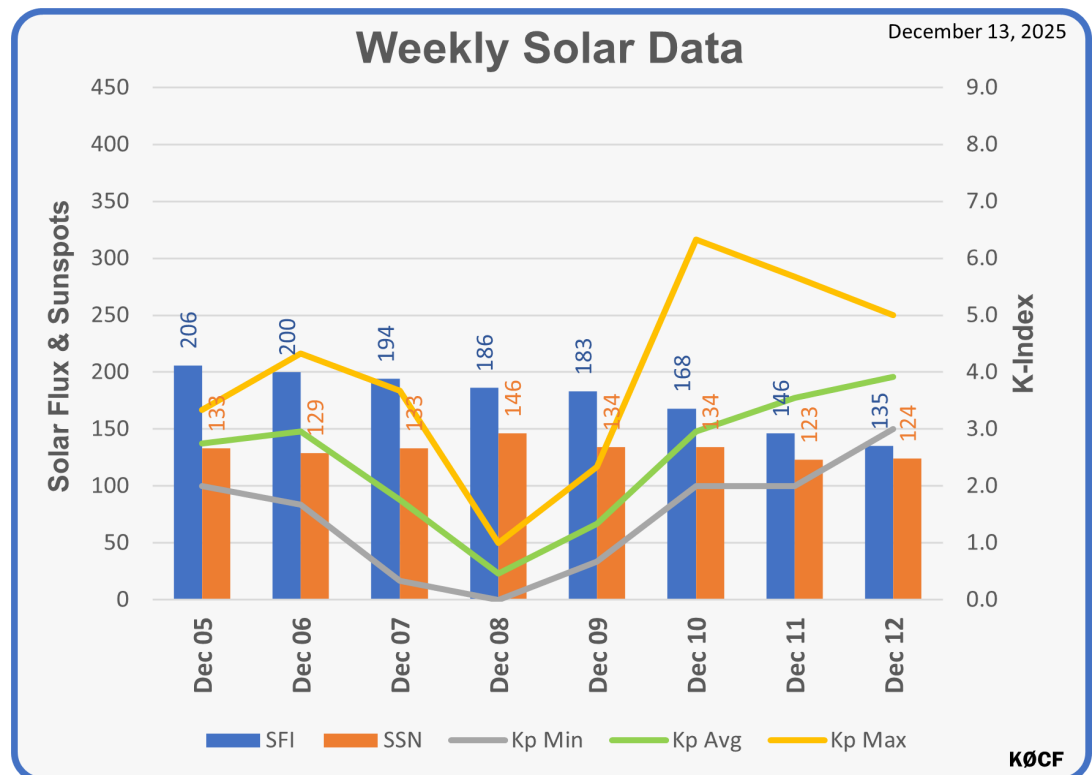
YB, INDONESIA. Special event callsigns **8C67NBA, 8C67NBB, 8C67NBC, 8C67NBD, 8C67NBE, 8C67NBF, 8C67NBJ, and 8C67NBK** will be QRV on **December 13th and 14th** to celebrate the 67th anniversary of the Indonesian province of Nusa Tenggara Barat. Electronic QSLs on <https://myqsl.id/> or QSL via operators' instructions.
-[ARRL DX Bulletin # 50 December 11, 2025] (1212-1219)

YO, ROMANIA. Members of the YO3KRM Radioclub will run a Christmas Special Event on December 5th-31st, with three special callsigns: **YOØHOHO, YOØXMAS, and YRØUDOLPH**. QSL via [YO3GND](https://yo3krm.ro). Certificates will be available, see [YOØHOHO](https://yo3krm.ro) for the details.
-[425DXN # 1804 November 29, 2025] (1205-0102)

Z8, SOUTH SUDAN. Diya, YI1DZ, will be QRV as **Z81D** from Juba from **December 14th to March 10th**. Activity will be in his spare time. QSL to [YI1DZ](https://yi1dz.com).
-[ARRL DX Bulletin # 50 December 11, 2025] (1212-0116)

ZL, NEW ZEALAND. Special callsign **ZL6ØPAH** will be used by Phil, ZL3PAH from **November 23rd to February 22, 2026**, to celebrate his diamond jubilee in amateur radio. He will operate CW, RTTY, and "maybe a little SSB too" on 80-10 meters. QSL via LoTW.
-[425DXN # 1802 November 15, 2025] (1121-0220)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

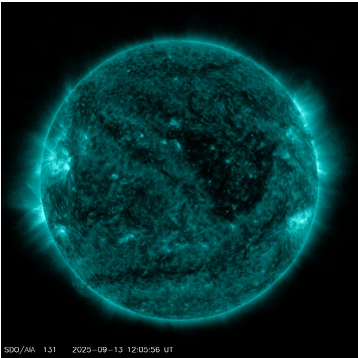
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, December 5th through yesterday, December 12th.

The average solar flux was 173, down 23 points from the previous week, with a weekly high of 206 on Friday, December 5th, followed by a low of 135 on December 12th.

The average sunspot count was 132, down by 19 from last week, peaking at 146 on Monday, December 8th followed by a weekly low of 123 on December 11th.

The Planetary K-index weekly average was 4.0 with a maximum of 6.3 on Wednesday, December 10th, indicating a moderate geomagnetic storm. Yesterday's K-index maximum was 5.0 with a minor geomagnetic storm.

Solar flare activity since December 6th has been high with 15 major flares, the largest of which was a major X 1.1 event on Monday, December 8th.

Propagation Data

Major solar flares, Saturday, December 6th through 1449 UTC, December 13th.

#	Date	UTC	Mag.
1	Dec 12	0505	M 2.0
2	Dec 10	2208	M 4.4
3	Dec 10	1343	M 1.6
4	Dec 10	0737	M 1.9
5	Dec 10	0422	M 1.2
6	Dec 09	1514	M 1.5
7	Dec 09	0747	M 1.6
8	Dec 09	0138	M 1.1
9	Dec 09	0058	M 2.0
10	Dec 08	2228	M 1.2
11	Dec 08	2117	M 3.1

12	Dec 08	0654	M 1.8
13	Dec 08	0501	X 1.1
14	Dec 08	0036	M 2.0
15	Dec 06	2039	M 8.1

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Dec 13	55%	5%	130
Dec 14	45%	1%	120
Dec 15	35%	1%	120

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on December 8, 2025).

Date	Flux	Kp
Dec 13	140	4
Dec 14	130	4
Dec 15	130	3
Dec 16	135	2

Date	Flux	Kp
Dec 17	135	3
Dec 18	140	3
Dec 19	140	3
Dec 20	140	3

Date	Flux	Kp
Dec 21	140	5
Dec 22	140	5
Dec 23	145	5
Dec 24	160	5

Co-Rotating Interaction Region

Minor [G1](#)-class geomagnetic storms are possible on Dec. 13th when a [co-rotating interaction region](#) (CIR) is expected to hit Earth. CIRs are transition zones between fast and slow streams of solar wind. They contain CME-like shock waves, which do a good job sparking auroras. Solar wind speeds will shoot up to 600 km/s after the CIR passes.
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Global D Region Absorption

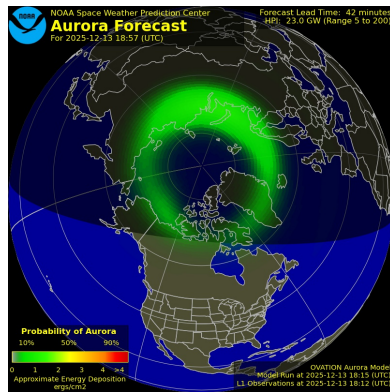
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of

aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.gsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

(Compiled from information on NOAA.gov and other sources.)

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
ARRL 10-Meter Contest	Dec 13	0000Z	Dec 14	2359Z	Rules
ARRL Rookie Roundup, CW	Dec 21	1800Z	Dec 21	2359Z	Rules
RAC Winter Contest	Dec 27	0000Z	Dec 27	2359Z	Rules
Stew Perry Topband Challenge	Dec 27	1500Z	Dec 28	1500Z	Rules
RAEM Contest	Dec 28	0000Z	Dec 28	1159Z	Rules
ARRL Kids Day	Jan 3	1800Z	Jan 3	2359Z	Rules
ARRL RTTY Roundup	Jan 3	1800Z	Jan 4	2400Z	Rules
North American QSO Party, CW	Jan 10	1800Z	Jan 11	0600Z	Rules
North American QSO Party, SSB	Jan 17	1800Z	Jan 18	0600Z	Rules
ARRL January VHF Contest	Jan 17	1900Z	Jan 19	0359Z	Rules
CQ 160-Meter Contest, CW	Jan 23	2200Z	Jan 25	2159Z	Rules
REF Contest, CW	Jan 24	0600Z	Jan 25	1800Z	Rules
Vermont QSO Party	Feb 7	0000Z	Feb 8	2400Z	Rules
10-10 Int. Winter Contest, SSB	Feb 7	0001Z	Feb 8	2359Z	Rules
Mexico RTTY International Contest	Feb 7	1200Z	Feb 8	2359Z	Rules
Minnesota QSO Party	Feb 7	1400Z	Feb 7	2400Z	Rules
British Columbia QSO Party	Feb 7	1600Z	Feb 8	2400Z	Rules
North American Sprint, CW	Feb 8	0000Z	Feb 8	0359Z	Rules
ARRL School Club Roundup	Feb 9	1300Z	Feb 13	2359Z	Rules
CQ WW RTTY WPX Contest	Feb 14	0000Z	Feb 15	2400Z	Rules
CQ 160-Meter Contest, SSB	Feb 20	2200Z	Feb 22	2159Z	Rules
ARRL Inter. DX Contest, CW	Feb 21	0000Z	Feb 22	2400Z	Rules
REF Contest, SSB	Feb 21	0600Z	Feb 22	1800Z	Rules
South Carolina QSO Party	Feb 21	1500Z	Feb 22	0159Z	Rules

North American QSO Party, RTTY	Feb 28	1800Z	Mar 1	0600Z	Rules
ARRL Inter. DX Contest, SSB	Mar 7	0000Z	Mar 8	2400Z	Rules
Oklahoma QSO Party	Mar 14	1400Z	Mar 15	2100Z	Rules
Stew Perry Topband Challenge	Mar 14	1500Z	Mar 15	1500Z	Rules
Idaho QSO Party	Mar 14	1900Z	Mar 15	1900Z	Rules
North American Sprint, RTTY	Mar 15	0000Z	Mar 15	0359Z	Rules
Wisconsin QSO Party	Mar 15	1800Z	Mar 16	0100Z	Rules

(Contest data courtesy of the [WA7BNM Contest Calendar](#))